

Professional Audio Service Bulletin

Mincom
Division



BULLETIN NO. 16

SUBJECT: Modification to Sync Amplifier Circuitry

APPLICABLE TO: All M-79, 8, 16 and 24 Track Recorders

PURPOSE: Eliminate possible meter deflections and monitor "POP" on track in sync when adjacent tracks are put into record

REQUIRED PARTS:	<u>Component</u>	<u>Description</u>	<u>Mincom Catalog No.</u>	<u>Quantity per Board</u>
	Capacitor	560pf, 500V, 5%	83-1510-5122	1

PROCEDURE:

1. Remove Capacitor C-57 which is connected between the collectors of Q-30 and Q-24 (see figure 1).
2. Drill one hole using a .030/.035 inches, drill adjacent to the emitter connection of Q-24 (see figure 2).

CAUTION

DO NOT drill into the traces on the back of the board.

3. Install the new 560pf capacitor, designated C-57, between the collector of Q-30 and the emitter of Q-24 (see figure 2). Insert capacitor lead through new hole, then bend the lead to the emitter trace of Q-24, then solder.
4. Check Recorder alignment and adjust if necessary.
5. Change Instruction Manual schematics and parts list to reflect the new location of C-57 as indicated by figure 3.

November, 1974
GM:rb

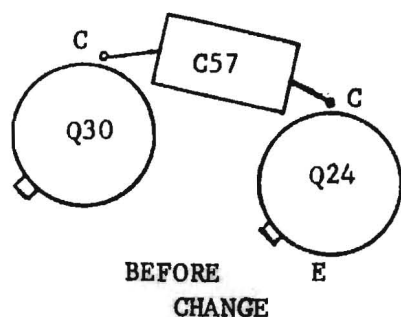


FIGURE 1

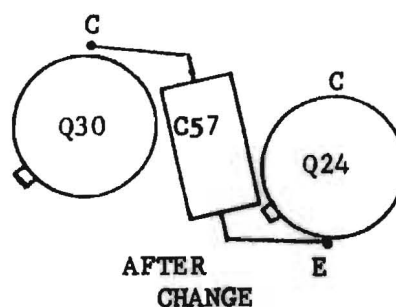


FIGURE 2

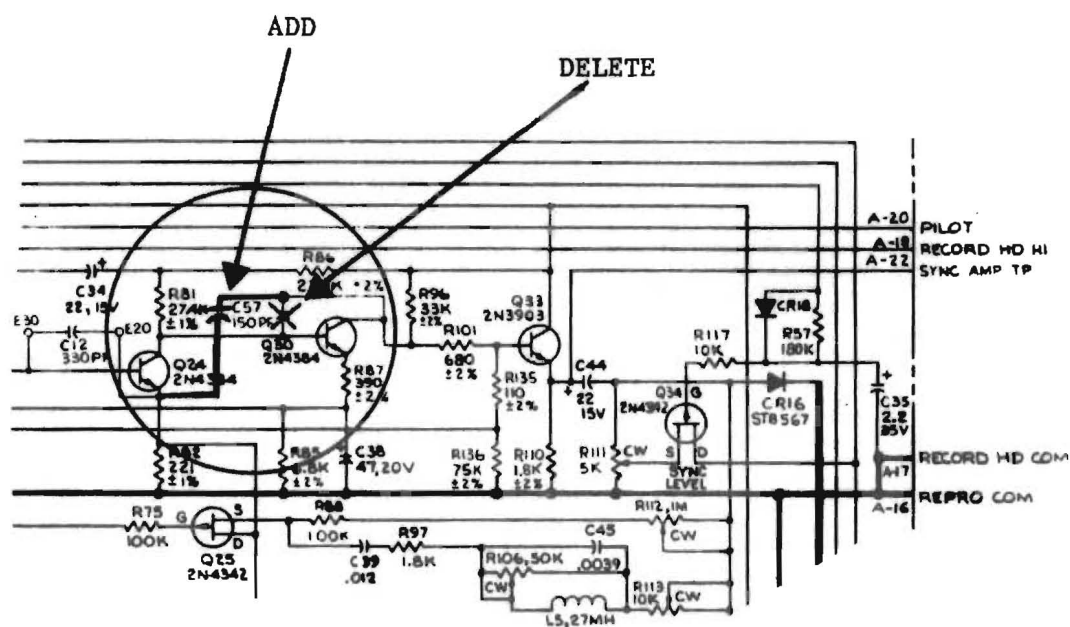


FIGURE 3

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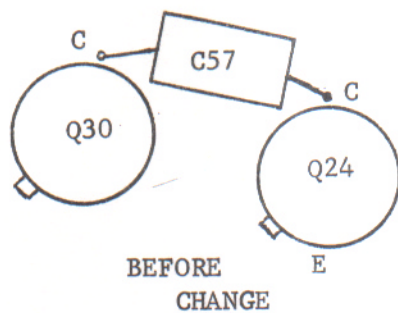


FIGURE 1

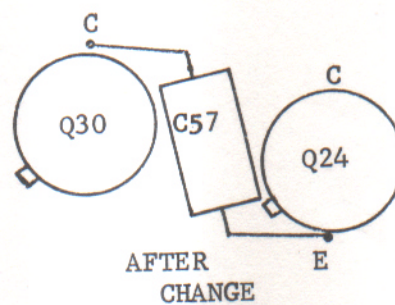


FIGURE 2

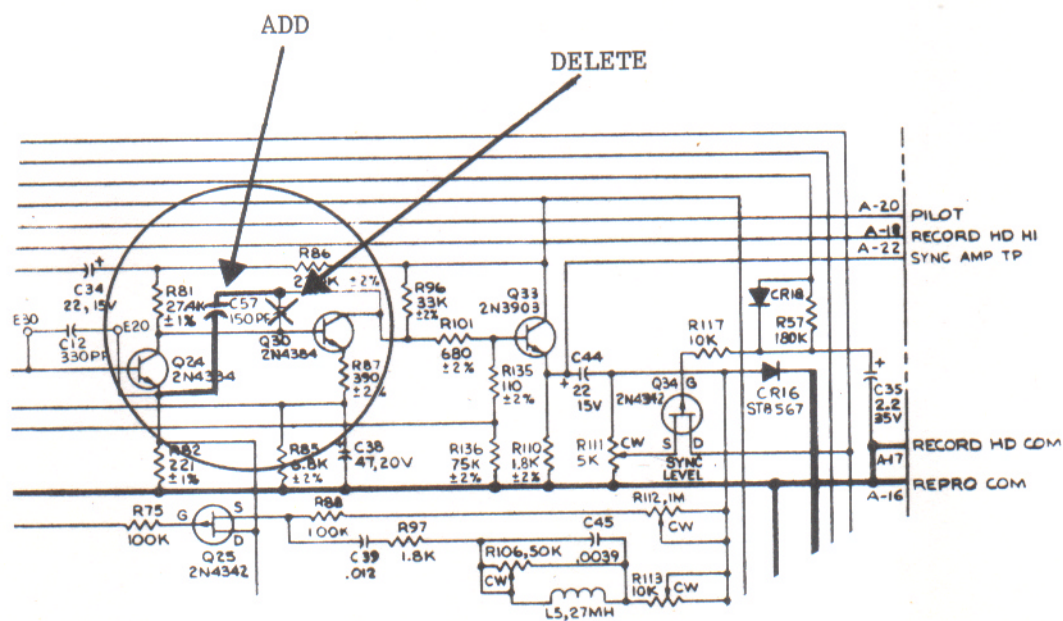


FIGURE 3